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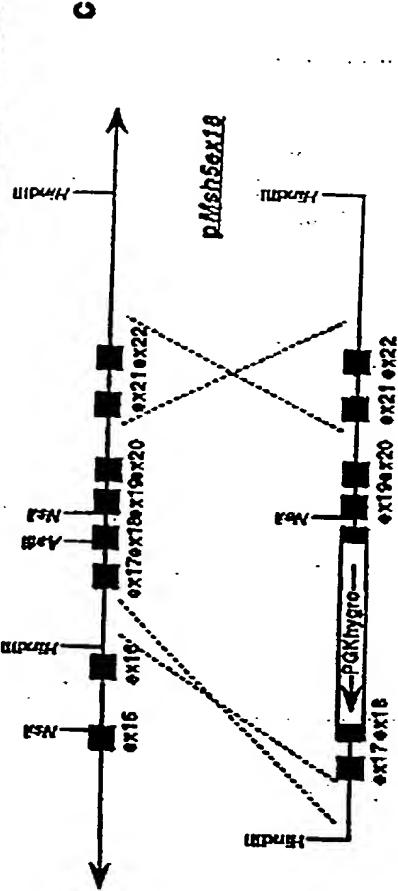
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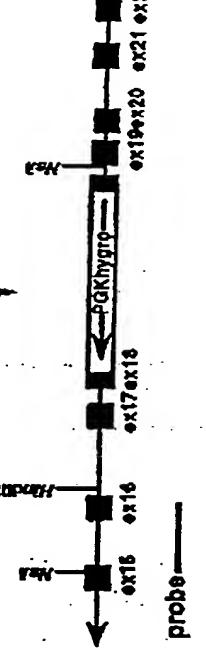
*Msh5* genomic locus

Exon 16      Exon 17      Exon 18      Exon 19      Exon 20      Exon 21      Exon 22



a

*Msh5* mutated locus

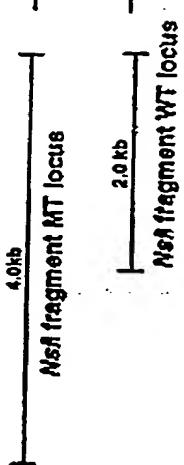


probe —

+/-



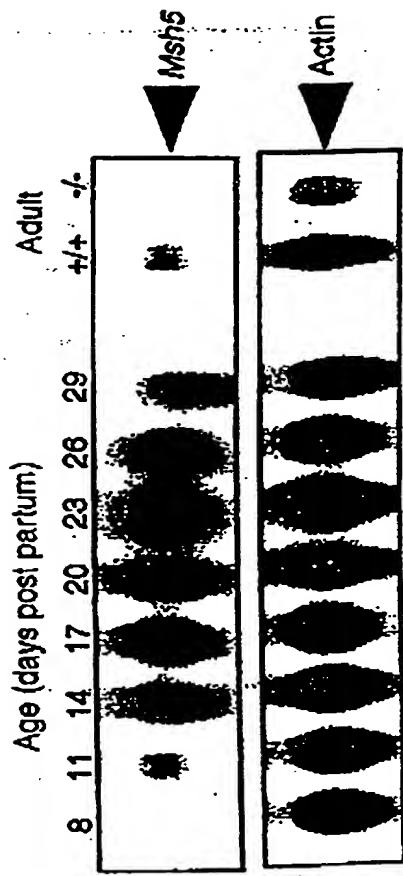
b



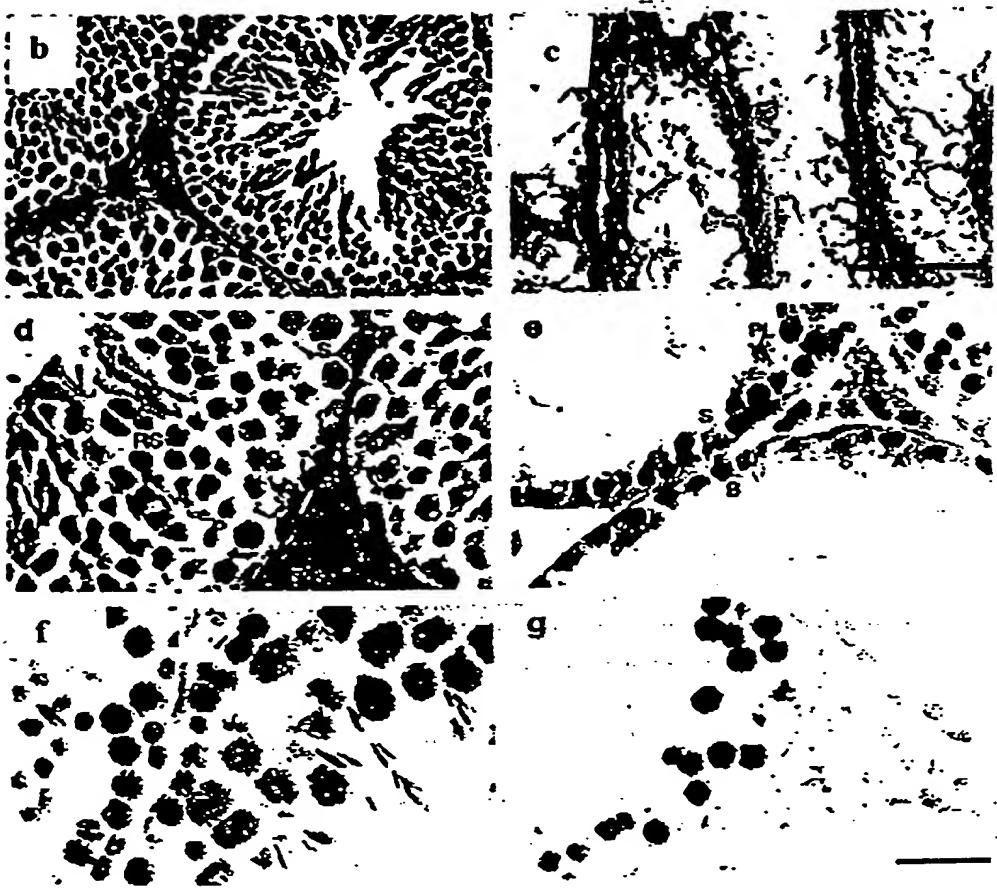
4.0kb  
MSH5 fragment MT locus

2.0kb  
MSH5 fragment WT locus

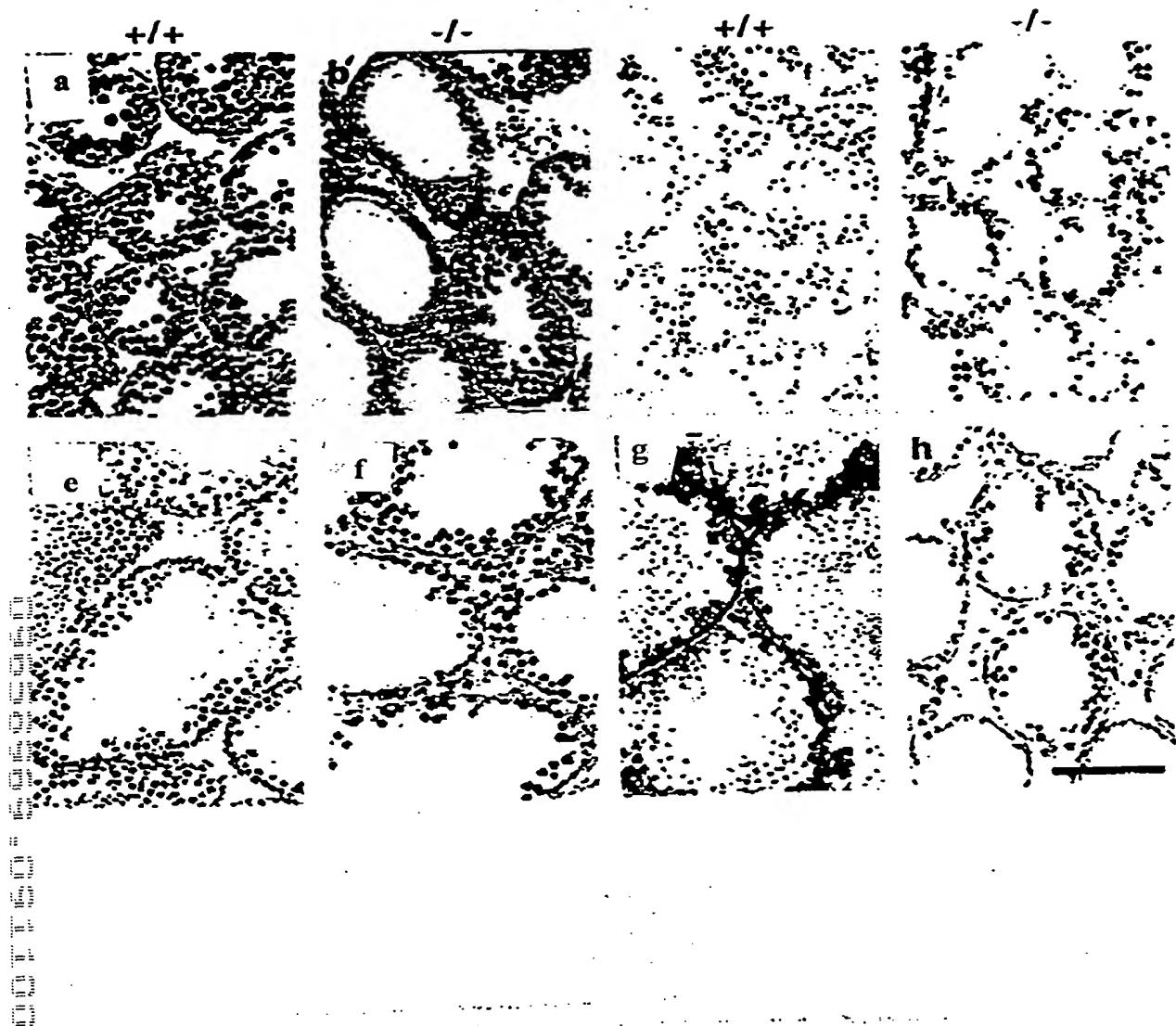
FIGURE 1



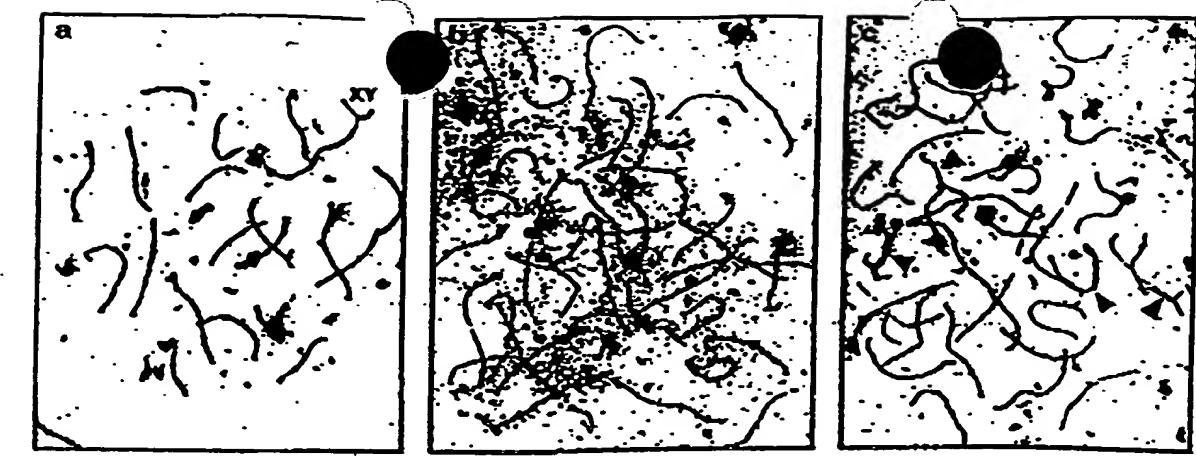
**FIGURE 2A**



**FIGURE 2B-G**

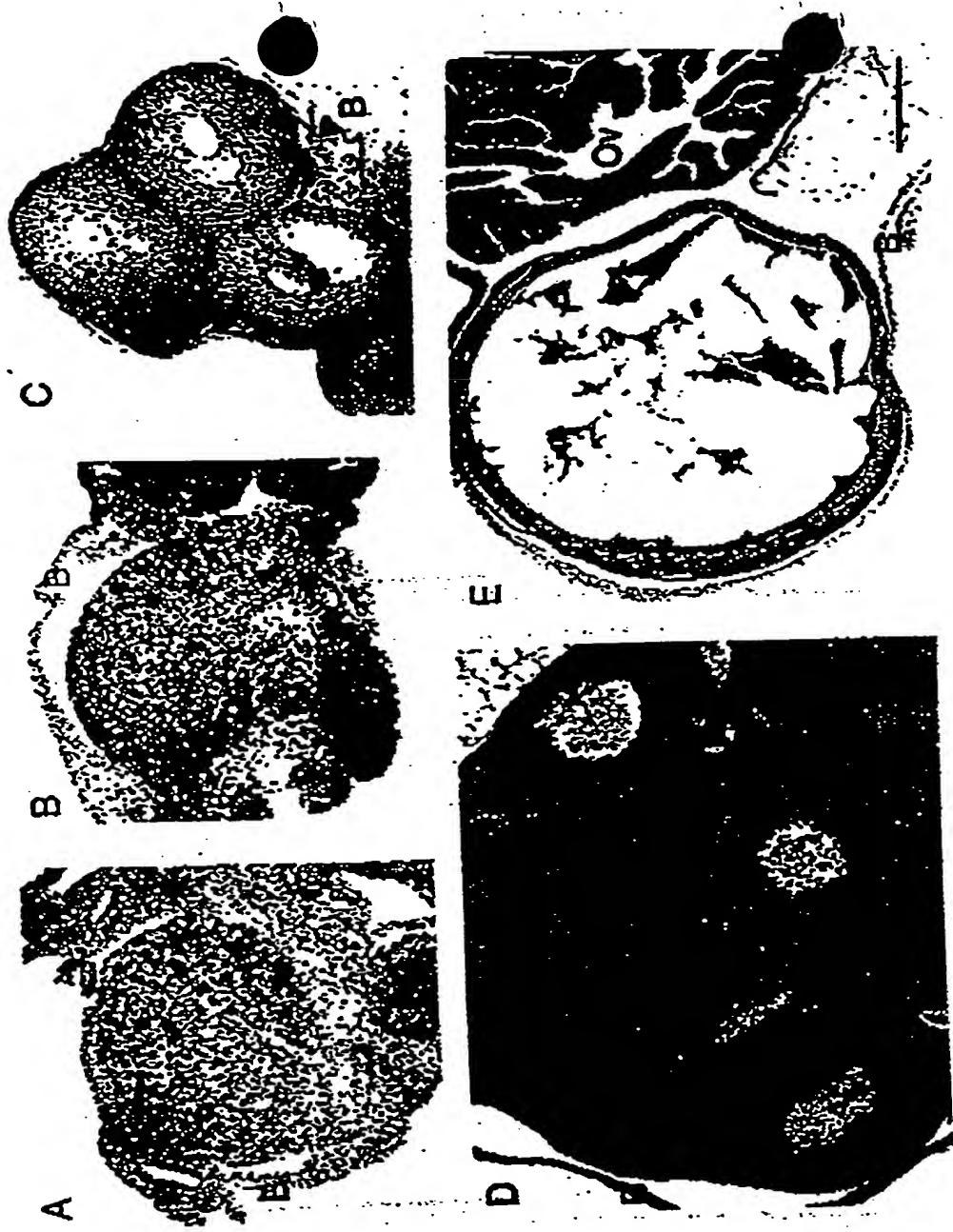


**FIGURE 3**

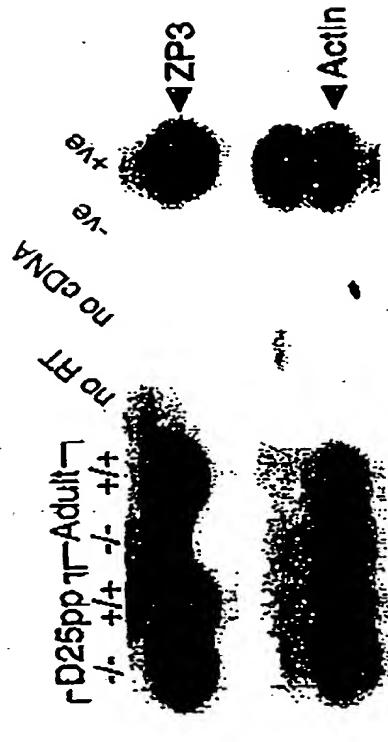


**FIGURE 4**

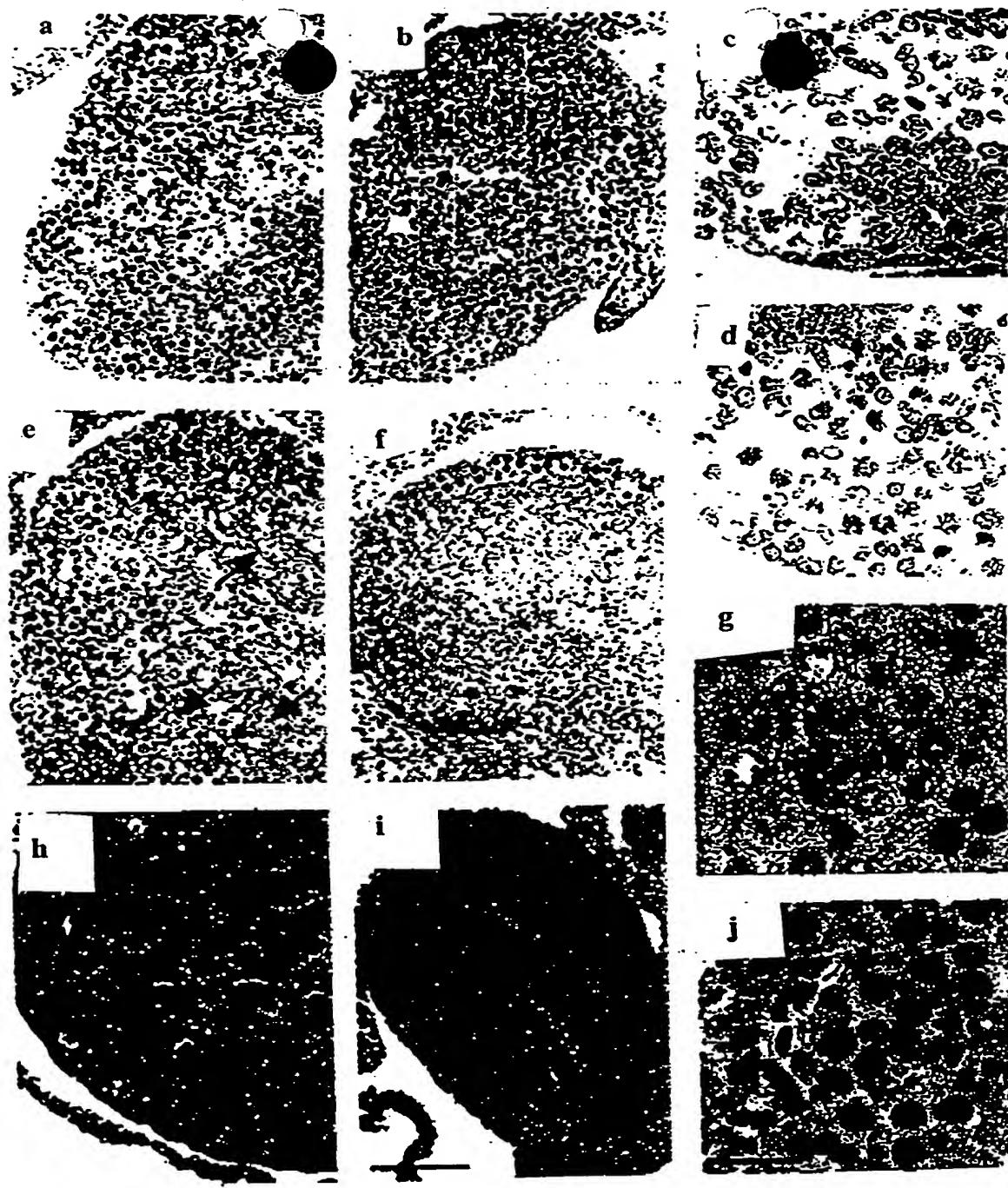
000000000000000000000000



**FIGURE 5A-E**



**FIGURE 5F**



**FIGURE 6**